Capital -Surplus and Undivided Profits -

\$2,000,000 - \$6,000,000

Acts as Trustee, Guardian, Executor, Administrator, Assignee, Receiver, Registrar and Transfer Agent. Takes charge of Real and Personal Property.

Deposits received subject to cheque, or on certificate. Interest allowed on daily balances. Travellers' Letters of Credit issued. Foreign Exchange.

OFFICERS:

Levi P. Morton, President; Thos. P. Ryan, Vice-President; James K. Corbiere, Vice-Pres.; H. M. Pranois, Secretary; Charles A. Conant. Treasurer; T. B.-Minahan, Asst. Treasurer; H. B. Berry, Trust Officer.

George F. Baker, Edward J. Berwind, James & Duke,

LEVI P. MORTON, THOMAS F. RYAN, EDWARD J. BERWIND,

Joseph C. Hendrix, James N. Jarvie, Walter S. Johnston. Joseph Larocque.

DIRECTORS Levi P. Morten Richard A. McCurdy, W. G. Oakman. George Foster Peabody. EXECUTIVE COMMITTEE

Winthrop Rutherfurd Thomas F. Ryan. John Sloane.

You are cordially invited to keep your checking accounts with this Company. Interest allowed and credited monthly.

Special rate on certificates of deposit based on amounts and maturities.

Special arrangements with clients depositing funds for investments in mortgages.

TITLE GUARANTEE
AND TRUST COMPANY Capital AND \$8,500,000

146 Broadway, New York. 175 Remsen Street, Brooklyn. Manuf'rs Branch, 198 Montague St., B'klyn

Bowling Green Trust Co. 26 BROADWAY, NEW YORK.

Capital, \$2,500,000. Surplus, \$2,500,000.

EDWIN GOULD VILLIAM M. LAWS .... DIRECTORS.

Charles P. Armstrong. Myron T. Herrick Frank Brainard Edward T. Jeffery Robert C. Clowry. Edmund C. Converse. Edward R. Ladew. Wm. Nelson Cromwell. J. W. Middendorf Grenville M. Dodge. Ashbel P. Fitch. Wm. Willis Merrul. Edwin Gould. Frederick B. Schenok William H. Taylor. Edward R. Thomas rank Jay Gould George J. Gould. John A. Hilton. John P. Truesdell.

AUDIT COMPANIES.

## THE AUDIT COMPANY OF NEW YORK.

AUGUST BELMONT Acting President. ASH, JOHN J. MITCHELL. Vice-Presidents. THOMAS L. GREENE GEORGE W. YOUNG, Treasurer

Audits,

**Examinations, Appraisals** 

NEW YORK, Mutual Life Buildings. 43 Cedar Street.

Philadelphia. Chicago.

DIVIDENDS AND INTEREST. PRESSED STEEL CAR COMPANY.
January 27, 1904.

PRESSED STEEL CAR COMPANY.

PREFERRED DIVIDEND NO. 20.

A quarterly dividend of ONE AND THREE-QUARTERS PER CENT. (1½ %) will be paid on the preferred stock of this Company February 23, 1904. to stockholders of record at the close of business February 2, 1904. Cheques will be malled from the Office of the Company. The transfer books will close at three P. M., February 2, and reopen at ten A. M., February 23, 1904.

COMMON DIVIDEND NO. 17.

A quarterly dividend of ONE PER CENT. (1%) will be paid on the common stock of this Company February 29, 1904, to stockholders of record at the close of business February 8, 1904. Cheques will be malled from the office of the Company. The transfer books will close at three P. M., February 29, 1904.

P. G. JENKS, Treasurer. Winslow, Lanier & Co., 59 Cedar St., N.Y. City WINSIUN, LARIEI & U.G., 39 LEGAT 51., N.T. UITY
THE INTEREST ON THE FOLLOWING BONDS
IS PAYABLE AT OUR BANKING-HOUSE ON
AND AFTER FEBRUARY 184, 1904:
Merican Cotton Oil Co., Deb. Extended 414s.
Bedford, Ind., Funding 6s.
Bedford, Ind., Funding 6s.
Cleveland, Akron & Columbus Ry. Co. Cons. 4s.
Cleveland, Akron & Columbus Ry. Co. Cons. 4s.
Cleveland & Pitts. R. R. Co. Genl. Mtgc. Series "D."
Cambridge City, Indiana.
Grant County, Indiana.
Gas City, Indiana.
Massilion & Cleveland Rd. Co., quarterly div. 2%.
Putsburg, Ft. Wayne & Chic. Ry. Co. 1st & 2d Mtg. 7s.
Portsmouth, City, Ohio, 5s.
Wheeling Terminal Ry. Co. 1st 4s.
Grant County, Indiana, 6s.

TWIN CITY RAPID TRANSIT CO.

New York, N. Y., Jan. 28th, 1904.

The directors of this Company have this day declared a quarterly dividend of one and one-quater per cent. on the common stock of the company, payable on and after the fifteenth of February, 1904.

The transfer books for the common stock will close on the third day of February, 1904, at three o'clock P. M., and will reopen on the sixteenth day of February, 1904, at the o'clock A. M. All dividend checks will be malled.

C. G. GOODRICH, Scoretary.

OREGON SHORT LINE RAILWAY CO.

Ceupons No. 44, due February 1, 1904, from the above mentioned bonds will be paid at maturity on presentation at the office of the Treasurer of the Oregon Short Line Railroad Company, No. 120 Broadway, New York, N. Y.

Packages of Coupons may be left for verification on and after Monday, January 25, 1904.

Oregon Short Line Railroad Company,

FREDERIC V. S. CROSBY, Treasurer.

NORTHERN SECURIFIES COMPANY. New York, January 11th, 1904.

There has been this day declared a dividend of one and one-eighth (11-8) per cent. on the capital stock of this Company, payable February 2d, 1904, to shareholders of record on that date.

The stock transfer books will be closed at noon, February 3d, 1904.

For NICHOLD C. E. T. NICHOLS, Secretary. NEW YORK DOCK COMPANY.

Coupons of the NEW York, January 28, 1904.

Plast Mortgage Bonds, maturing February 1st next, will be paid on and after that date at the office of The United States Mortgage & Trust Company, No. 55 Cedar Street, New York City.

GEORGE E. SPENCER, Treasurer. THE MEXICAN CENTRAL RAILWAY
COMPANY, LIMITED.
New York, January 27, 1904.
42% Gold Bonds will be paid on and after February 1st, 1904, in New York, at the office of The Standard Trust Company of New York, and in St. Louis at the office of the Mississippi Valley Trust Company.
C. A. BROWNE, Treasurer.

Coupons due February 1, 1904, of the first mort-face 8 per cent bonds, will be paid by CONTI-NENTAL TRUST CO., 26 Broad St., New York only, H. C. BANNARD, President.

**DIVIDENDS AND INTEREST** 

United States Montgage and Trust Company.

Coupons payable at the United States Mortgage and Trust Company, 55 Cedar St., New York, on and after February 1, 1901: Ballard, Washington, Water Works .... 5s Callam County, Washington ........6s Essex County, N. J., Park .......4s Essex County, N. J., Court House ..... 4s Hammonton & Egg Harbor City Gas Co.5s Middletown, N. Y., Water.......31/28 Standard Chain Co. (February 15th)..1st 6s 

Spokane Gas Co......1st 5s U. S. M. & T. Co.....Series "1" 4s U. S. M. & T. Co...... Series "M" 4s Village of Sandy Hill, N. Y.... Sewer 31/28 Woodlawn Cemetery Co......

Coupons Maturing February, 1904, BANKING HOUSE

N. W. HARRIS & CO. Aberdeen, S. Dk., Refunding.

Albany County, Wyo., School District No. 1, Refund-Aurora, Ill., Refunding. Cass County, Ia., Refunding. Coeur d'Alene, Ida., Independent School District No. 1. Refunding. East Grand Forks, Minn., School District School Building.

Fort Atkinson, Wis., Water Works. Griffin, Ga., Water. lawarden, Ia., Refunding Keltsburg, Ill., Water Works. Lena, Ill., Water Works. Lexington, Ky., Funding. Neosho, Mo., School Building. Oshkosh, Wis., Water Works Co., 1st Mortgage Gold. Pullman, Wash., School District No. 59.

Rock Falls, Ill., Electric Light.
St. Louis, Mich., School District, Refunding.
Sumner, Wash., School District No. 8. Terrell County, Ga., Court House. SECOND. Escanaba, Mich., Refunding. Hamburg, Ia., Refunding

Elburn, Ill., Water Works. Sehome, Wash., School District No. 2.

Sehome, Wash., School District No. 2.

OREGON SHORT LINE RAILROAD CO. Coupons No. 3, due February 1, 1904, from this Coupons No. 3, due February 1, 1904, from this Company's 4% and Participating Honds will be redeemed at \$25.00 for each coupon, at maturity, on presentation at the office of the Treasurer, 120 Broadway, New York, N. Y.

The Income received during the calendar year 1903, on the securities deposited under the Trust Indenture, entities the holders of these bonds, on February 1, 1904, to a dividend payment of one-half of one per cent. in addition to the regular semi-annual interest of 2%, making a total of 2½%.

Packages of coupons may be left for vertheation on and after Monday, January 25, 1904.

The books for the registration and transfer of the above-mentioned bonds will be closed at twelve moon on Saturday, January 23, 1904, and will be reopened at 10 A. M. on Tuesday, February 2, 1904.

FREDERIC V. S. CROSBY, Treasurer.

AMERICAN GRAPHOPHONE COMPANY. PREFERRED DIVIDEND NO. 35. The regular quarterly dividend No.35 of one and three-quarters per cent. will be paid on the Preferred capital stock of the American Graphophone Company,

on February 15th, to stockholders of record February 1st, 1904. E. D. EASTON, President. E. O. ROCKWOOD, Secretary.

UNION PACIFIC RAILROAD CO.

5% Collateral Notes.

Coupons No. 1, due February 1, 1904, from the above-mentioned notes will be paid at maturity upon presentation at the office of the Treasurer, No. 120 Broadway, New York, N. Y.

FREDERIC V. S. CROSBY, Treasurer.

FINANCIAL.

The Colorado Fuel and Iron Company.

To the Holders of Five Per Cent. Ten-Year Convertible Gold Debentures of the Company.

Notice is hereby given that time for deposit of Debentures of said Company with the CONTINEN-TAL TRUST COMPANY OF THE CITY OF NEW YORK, under the Refunding Agreement, dated December 11, 1903, is hereby extended up to and including FEBRUARY 6, 1904, after which time neuroling FERRIARY 6, 1864, attel which this no Depentures will be received except upon such terms as the Committee may impose. The Committee will advance to holders of Con-tinental Trust Company certificates the amount of the Interest falling due upon Debentures FEBRU-ARY 1, 1904. Holders of certificates are there-fore requested to present the same on or after said date to the CONTINENTAL TRUST COMPANY, 26 Broad Street, New York, to receive the amount of such Interest and to have the fact of such re-

elpt noted upon the certificate. Dated New York, January 23, 1904. JAMES A. BLAIR, WILLIAM L. BULL, OTTO T. BANNARD, PHILIP LEHMAN, JOHN E. BORNE,

Committee. M. N. BUCKNER, Secretary. 26 Broad Street, New York.

Over Trails of Gold WILLIAM ALLEN WHITE, U. S. MINING JOURNAL.

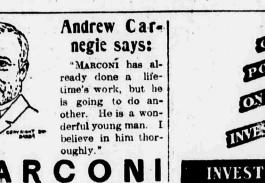
150 Nassau st., New York. Free on request. Write for it.

TO THE HOLDERS OF THE PREFERRED STOCK

Chicago & Alton Railway Co.

A large amount of the preferred stock of The Chicago & Alton Railway Company has been deposited with the undersigned, subject to an agreement, which may be seen at our office, authorizing the sale thereof on or before September 30, 1904, upon such terms and at such price as shall be approved by a preferred stockholders' committee, consisting of Messrs. John A. Stewart, Edward H. Harriman and John J. Mitchell. Holders of preferred stock of said company who desire to participate in any sale which may be made under said agreement are requested to promptly deposit their stock certificates, duly endorsed in blank, with the undersigned at their office, No. 52 William Street, New York City. The right is reserved to terminate the privilege of deposit at any time. Depositors of stock will receive transferable receipts of the undersigned entitling the holder to a pro rata share of the net proceeds of any sale, and, in case no sale is made on or before September 30, 1904, to the return of the deposited stock, without expense. New York, December 29, 1903.

Kuhn, Loeb & Co.



General Electric Company.......31/28 FORTUNE KNOCKS once at least at every man's door. She is knock

> or too timid to open. The opportunity passed then. Are you going to let it escape now? It may never come again, for Dame Fortune is a fickle jade. independently wealthy now.

Wireless Telegraph Company of America offers great opportunities. Don't let the chance escape You.

The investor of \$100 in the English Marconi
Company a few months ago can now take out \$440.

The American company will yield far better results

The American company win year and sults.

Andrew Carnegie says: "Marconi has already done a lifetime's work. I believe in him thoroughly." If Mr. Carnegie believes in Marconi, you are running no risk when you subscribe to his belief.

If you will send us a postal card we will tell you a good deal more about Marconi Securities which is worth knowing. Don't delay in sending your order before the stock advances. Certificates at \$5 each. Address F. P. WARD & CO., Bankers, AND TITLE BUILDING, PHILADELPHIA: \*ARMERS' BANK BUILDING, PITTSBURG; ENTURY BUILDING, ST. LOUIS; \*LARK AND WASHINGTON STS., CHICAGO;

UNION TRUST BLDG., CINCINNATI, OHIO; CROSSLEY BLDG., SAN FRANCISCO, CAL. Correspondents of Munroe & Munroe, N. Y. REDEMPTION

AMERICAN-HAWAIIAN STEAMSHIP COMPANY 6% 15 YEAR GOLD BONDS, SERIES "B," DATED FEBRUARY 1ST, 1901.

NOTICE IS HEREBY GIVEN that seventy-sever (77) of the fifteen year 6% gold bonds, series "B,"
of the AMERICAN-HAWAHAN STEAMSHIP COMPANY were this day drawn for redemption in accordance with the requirements of the mortgage or deed of trust, numbered as follows:

1287 1238 1239 1251 813 841 851

NIAL TRUST COMPANY, Trustee. New York: December 9, 1903. We, the undersigned, hereby certify that seventy-seven (77) bonds were designated by lot, in our presence, as above stated.

P. S. BABCOCK, Trust Officer Colonial Trust Company. V. H. THUN. With American-Hawalian Steamship Company.

R. L. SMITH. No. 126 Notary Public, New York County. In accordance with the foregoing certificate. said numbered bonds will be paid at this office on and after the 1st day of February, 1904, at 105%, or \$1,050 per bond. Coupons due February 1st, 1904, on such bonds must be presented for payment at the same time, and interest on the above numbered bonds will cease COLONIAL TRUST COMPANY. By JOHN E. BORNE.

BOND and MORTGAGE GUARANTEE (O-175 Remsen St.,

146 Broadway, New York. Brooklyn Capital & Surplus \$3,400,000

Guarantees the payment of real-estate mortgages. Sells guaranteed mortgages. Provides for those unacquainted with real-estate values a perfectly safe invest-

For trust funds, for endowments, for nonresidents, and for women, no more profitable investment, that is equally secure, can be found.

DIRECTORS: Charles S. Brown, Wesley C. Bush, Julien T. Davies, William J. Dowling, Charles R. Henderson, Bentamin D. Hicks, William M. Ingraham, William Lummis, CORS:
James D. Lynch,
Ranald H. Macdonald,
Alexander E. Or,
Frederick Potter,
Jacob H. Schiff,
John W. Sterling,
James M. Wentz,
Ellis D. Williams,
MARTIN JOOST WILLIAM B. ISHAM. MARTIN JOOST,
Vice-President.
FRANK BAILEY,
Secretary. CLARENCE H. KELSEY, 2d Vice-President.

MARTIN WELLES, Treasurer. C. D. BURDICK, Asst. Treasurer

ELECTIONS AND MEETINGS. THE PEOPLES GAS LIGHT AND COKE
COMPANY (of Chicago).

The Annual Meeting of the Stockholders of
The Peoples Gas Light & Coke Company will
be held at the office of the Company, to Chicago,
Michigan Avenue and Adams Street, on Wednesday, February 10th, 1904, at 11 o'clock A. M. The
transfer books will be closed, in accordance with
the by-laws, at the close of business on Wednesday, January 20th, 1904, and will reopen on Thursday, February 11th, 1904.

GEORGE O. KNAPP, President.

Peoria & Eastern Railway Co.

Stockholders' Meeting.

The annual meeting of the stockholders of the Peoria and Eastern Railway Company for the election of Directors, and for such other business as may come before the meeting, will be held at Danville, Illinois, on Wednesday, February 10, 1904, at 11 o'clock A. M.

The stock transfer books will close February 8, 1904, at 3 o'clock P. M., and reopen at 10 o'clock A. M., February 11, 1904,

J. C. DAVIE, Secretary.

The Annual Meeting of the Stockholders of The Alden Speare's Sons Co. for the election of Directors to serve during the year 1904 and such other business as may properly come before such meeting, will be held at the office of the corporation, room 702, in the building No. 190 William Street, in the Borough of Manhattan, City of New York, on February 16th, 1904, at twelve o'clock noon. E. RAY SPEARE, Secretary.

\$1,000,000 Suit for Texas Oil Lands. BATSON, Tex., Jan. 31.-Suit was instituted last evening in the District Court involving title to more than 4,000 acres of land situated in this oil field. The land is valued at more than \$1,000,000. The plaintiffs are D. M. Donahue and twenty-eight others and the defendants are the J. M. Guffey Petroleum Company and several other oil companies. other oil companies.



FINANCIAL AND COMMERCIAL. Continued from Eighth Page.

3705 Interboro R. T. . 2326 Int. Mer. Mar. 236 Int. Mer. Mar. pfd. .. 1934 2010 Light, F. and P ... 2600 Mon. & B. Cop. ..... 11-16 50 N. Y. & Q. El. & P. . . 7314 50 N. Y. & Q. El. & P. . . 93 38 Pac. Pack. & Nav. 10 Pope Mfg 2d pfd. . . . 20 100 Peo. Dec. & E. 1792 Seaboard A. L.

935 Seaboard A. L. pfd . 1814 4140 Seaboard A. L. rts... 600 Shannon Cop. 176 Standard Oil. 150 Tonopah M. 800 Tintle Co. 100 U. S. Shoe M. pfd. . . 28 9150 Union Conner 2 Un. Type 1st. 1.Un. Type 2d pfd. . . . 100 BONDS. \$1000 Amer. Malt. 6s..... 98

4000 Bklyn R. T. 4s. .. 10000 Nassau Elec. 4s. . . . . 79 79 79 6000 New Amst. Gas 5s. . 108 10814 108 45000 Rock I, new 4s. . . . . 94 14000 Seaboard A. L. 5s. . . 80 2000 U. S. Stl. ser. B. .... 10216 10216 10216 10216 10000 Wash. Trac. 4s. . . . . 7612 7696 7614 7698

SHELDON SYNDICATE AT OUTS? A New Line of Trouble in the Shipbuilding Mess Hunted Out.

Persons interested in the Shipbuilding litigation believe that a plan of settlement will be formally put out by the Sheldon reorganization committee early this week, but it was said yesterday that a lack of harmony among the members of the syndicate may lead to new developments. This syndicate, which was formed to take up the bonds and securities held by the Trust Company of the Republic, expired on Friday. Some of the members, as was shown by notices sent out on Saturday, have not paid the last four calls made upon them, amounting to 50 per cent. of their subscription. In these notices they were asked to pay their arrears at once in order that the syndicate agreement could be carried out. The calls said that

for the bonds purchased for them they would get certificates of deposit issued by would get certificates of deposit issued by the reorganization committee.

It is the latter plan to which objection has been made by some of the members, who do not want the bonds deposited with the committee, but desire to have them themselves. A number of members of the syndicate, it is said, have made a request syndicate, it is said, have made a request for their bonds, contending that the agreement was that they were to be used only to support the original plan of the committee, which has been abandoned.

A story printed yesterday that consent had been made to these withdrawals was

denied by a representative of the syndicate. It was said that as yet the syndicate had received no notice that any of the members cared to make any withdrawals.

Mr. Untermyer has announced that some of the members of the syndicate desire to join their interests with the bond-

holders' protective committee that began the litigation.

The bonds for which the reorganization committee's certificates were to be issued were purchased at 75. They are now quoted at 14.

Raised Prices for Rubber Goods.

By the new contracts of the United States Rubber Company, which go into effect today, prices on all goods are raised 7½ per cent. above the present selling price—a further advance of sper cent. going into effect June 1 next. This action has been taken in consequence of the good rubber winter and owing to the relatively high price of crude rubber and other raw materials entering into the manufactured article.

The net sales for the year will be in the

neighborhood of \$33,000,000, instead or \$30,000,000, as heretofore estimated, which is an increase of about \$5,000,000 over last Yellow Fever Commission Starts for Mexico.

NEW ORLEANS, Jan. 31.-The Louisiana, Mississippi and Alabama members of the Yellow Fever Commission, which is to investigate sanitary conditions in Mexico and urge the adoption of measures to prevent the recurrence of yellow fever, left to-day for San Antonio, Tex., where they will be joined by the Texas representatives and those of the United States Marine Hospital service. The commission will visit Mexico City, Vera Cruz, Tampico, Linares, Victoria, Monterey and Neuva Laredo, spending several days in each place. Representatives of the Superior Board of Health of Mexico will accompany the party in its visit to Mexico towns. the party in its visit to Mexico towns.

PLANS OF THE IRON MINES.

MODERATE TONNAGE AT LOWEST COST THIS YEAR'S RULE.

Properties-More Discoveries of Rich Ore in Cripple Creek-The Empire State Mine Makes a Good Strike.

mong mining men around the various headore mining of 1904 will be from open pit propcost and that other ores will be produced only as conditions of royalties and minimums furnace mixtures and other necessities of the situation may demand. Little developnent will be carried forward on small mines and on larger ones not more than is sufficien o come within the limit of "good mining." That s, dead work will not much more than make up for what ore is hoisted and shipped. The motto of the year for most companies will be no more tonnage than, necessary and at the least cost. This will have its effect on mines of the Marquette and Menominee ranges, and the proportion from Minnesota will probably be larger than in any preceding year. Iron Mountain, Crystal Falls and Ishpeming mines will be less of a factor than in any previous year, and the Mesaba range will be more of a factor than ever. As Minnesota last year produced about 60 per cent of all ore mined on Lake Superior, Michigan will take a seat still further in the rear.

The Northern Pacific road, which has been spending money on a forlorn hope on what has been called the Highland range of Minnesota, has stopped work and withdrawn its

Powell & Mitchell of Marquette who wer contractors for working the Helen mine of the Clergue syndicate when it was first opened Sault as damages against the Clergue company for breach of contract. After mining for some time they were ordered off the prop-erty and the damages claimed are what the firm thinks it could have made in profits if t had been permitted to remain. The Clergue syndicate cancelled the contract on account of the methods of Powell & Mitchell, and alleged at the time that the firm was ruining

Western mine at Crystal Falls will be made at once. The shaft was sunk for its upper 80 feet through very bad quicksand, and recently a cave from the surface made an imnense hole near the shaft. When the spring waters gather in this pit they will carry sand entirely ruined. The only remedy is to fill proof, and the company has secured locomotives, trains of flat cars and ploughs and are to put them at work immediately. The pit is a large one and the work will take the

rest of the winter.

Hoisting has begun at the Buffalo and Susquehanna mine, near Hibbing. This belongs to the iron company of the same name, with furnaces at Buffalo. Two shafts have been sunk and both are in ore, while at one drifting has begun Hoisting has also commenced at the Crosby, a mine belonging to the Forest, which belongs to the Tesora Minwill be shippers from the Mesaba the coming

have been made recently at the Negaunee which is under lease to the Cleveland Cliffs Iron Company, and the Lackawanna Steel Company. This is said to have been found in the progress of sinking a new shaft, and the find is thought to have a possibility that may double the tonnage of the mine. The Nagaunee is a large and very valuable mine, and for a 50 per cent. lease the present holders paid

The United States Steel Corporation ha absorbed the subordinate Minnesota Iron Company into the Oliver Iron Mining Comperations for the Corporation in the Lake Superior region, except at properties where others have a minority interest or certain contracts exist that prevent absorption by the Oliver. This will simplify bookkeeping and strengthen the Oliver's position.

No steps have yet been taken by the Bessemer Ore Association to settle prices of ore for the coming year, and no one knows what will be paid for 1904. The probability is that a reduction of about 50 cents will be accepted by mining companies, but furnacemen are trying to get \$1 off last year's price. will be vigorously fought. There will also be a readjustment of the differentials between Mesaba and non-bessemer ores from last year.

COLORADO. COLORADO SPRINGS, Jan. 28.—The Empire State mine, owned in New York by Nelson B. Williams and associates, is in the three footvein of sylvanite ore carrying from \$800 to \$4,000 a ton. The ore was encountered at 300 feet depth by lessees, who resumed work in the mine two weeks ago. The shaft on this mine is down 500 feet. A large body of ore carrying \$17 to \$35 a ton exists in other parts of the mine, whose workings consist thus far of the shaft and a small extent of laterals. The Empire State and the Isaeblla companies will be merged, if the latter's stockholders ratify the deal at the annual meeting in February, into the Isabella Mines Company. The

new company will have 130 acres.

The Abe Lincoln, one of the Stratton estate mines, is in a large body of smelter grade ore in the 600 foot level. The ore body is hard granite liberally sprinkled with vanite, the average being \$30 to \$50 a ton To date the company has driven 64 feet in the ore body without encountering the opposite wall. On the west, or opposite, side of the shaft drifting on the vein has extended 20 feet. The absence of any phenomenally rich streak makes this ore body different from those opened in the W. P. H., El Paso, Elkton and other mines, but the extent of the vein assures an aggregate of bonanza

The Colorado Boss No. 3 of the Cripple Creek Consolidated is in bonanza ore in block 3. Values as high as 36 ounces to the on have been obtained from select samples. A strike of almost equal value is reported on Colorado Boss No. 2 by Lessee Crowder in a drift-300 feet from the Anaconda tunnel. The excitement over the recent Cripple Creek strikes continues. The strikes themselves are holding out to exceed the early promise.

The W. P. II. mine this week shipped two cars of ore, one of which averaged \$500 a ton and the other \$1,100. The ore was considered common rock or low grade and was knocked down to get at bonanza stuff that brought \$40,000 a ton. The Querida mine, in Custer county, is in a

thirty-foot vein whose average value is placed at \$8,000 a ton. The discovery was made in the 650 foot level. Twenty assays taken across the twenty-two inch streak in the W. P. H. claim gave returns of \$43 000 lowest and \$100,000 highest

Assays taken across the five foot vein

the Ramona claim returned values of

\$200 a ton. A shipment of forty tons was worth \$100 each. The Gold Sovereign, War Eagle, Portland Pharmacist and other mines are in new ore bodies that promise well for the future. Strikes are common throughout the camp.

The Elkton Consolidated is producing 500 tons daily. The ore carries \$10 a ton values without sorting. The water is fast receding through the El Paso tunnel and the 800-foot level is dry. The company is out of debt

Besides phenomenally rich ore recently

MINING.

STATION & SINKING MINING PUMPS. Over 40,000 CAMERON pumps in daily satisfact ory use all over the world gives tangible proof of their merit and confirms the claim for their superi ority over all others. They are conceded to be the most durable, reliable and effective mining pump on the market to-day, and while often imitated are never equalled. For proof, inquire of any mining engineer; for catalogue and prices, write any of our resident agents or direct to the
A. S. CAMERON STEAM PUMP WORKS,

Foot East 23d St., New York City, U. S. A.

found, the mine has large bodies of ten and twenty dollar ore.

Stratton's Independence ore has recently improved to values ranging between \$60 and \$80 a ton. Coarse rock carries between \$25 and \$30 a ton. This is a gain in both grades of nearly 100 per cent. The tonnage remains large.

The United Oil Company, while drilling Well No. 312, at Spindle Top Heights, in the Florence district, has tapped the first lake of oil ever found in Colorado. The depth at which the lake was tapped is 2,775 feet. The daily capacity, it is estimated, will reach 500 barriels, or the equal of any six wells in the vicinity.

Judge J. A. Elstun has found the estate of W. S. Stratton to be worth \$6,325,000, an increase of about \$1,000,000 over the estimate of the executors. Much of the estate consists of Cripple Creek property covering 700 acres, or a tenth of the camp's producing area.

Gov. Peabody will remove the military

700 acres, or a tenth of the campa positions area.

Gov. Peabody will remove the military from Teller county early in February, and the qualified martial law which has been in force in Cripple Creek for some time will be succeeded by civil rule.

The Ouray district is active, with \$400 ore discovered recently in the Gold King mine. The working force will be increased.

The working force will be increased.

\*\*ALASKA\*\*

SEATTLE, Wash., Jan. 25.—Winter mining on the Klondike is in successful operation on No. 10 below, on Bonanza Creek. A steam pipe heated by means of petroleum runs the full length of a sluice box, which means that the water is kept warm and the pay dirt is shovelled into the sluices Just as in summer operations. The miners say that they are making it pay, and will continue through the winter. At other points along the creek sluice boxes have been set up in drifts under ground, protected from the cold air, warm water being used over and over in the process of washing grayel. The weather on the upper creeks has been comparatively mild, ranging from zero to 10 and 40 below.

There is considerable talk in Dawson in regard, to an all-Canadian railroad from Dawson to points on the outside. The matter is mainly in the hands of the Governor of the Territory, who has been gathering data for several months preparatory to presenting the plan to the Ottawa Government.

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A great deal of preparatory work is under way on the Klondike tributaries, and good times are anticipated in all the camps and districts this season. It is said that the mines are in better shape for production than ever before at this time. Supplies are abundant at present and there is no prospect of shortage.

Good reports are received at White Horse from the new diggings on Boulder and Ruby creeks, 170 miles from White Horse. At a depth of six feet, on Boulder, from 20 to 30 cents to the pan is readily obtained. In six days two men took out forty ounces on Ruby, while Boulder has paid three ounces a day to the man. Stations have been built and provisioned all along the route from White Horse, and it is expected that this will be the route taken by all miners bound for the new district.

The Copper King mine in White Horse district has just made a shipment of 150 tons of copper ore that will average 60 per cent, besides values in gold and silver. This mine will soon be in position to make large and regular shipments. This copper belt is traceable for miles, and is attracting a great deal of attention because of the large deposits and the high grade character of the ore. It is said that the ore can readily be reduced to matte in this district, as coking coal is found contiguous to the ore, and large plants can find plenty of ore to keep them busy. The Copper King is the first mine in the district to make shipments and the result is being watched with interest.

There are indications of a stampede to the gold diggings of the Tanana this spring, and many inquiries are being made as to the best routes. The Government is at present sending the mall into the Tanana country by way of Valdes, the trip consuming sixteen days. It is doubtful if this time can be materially shortened, because the trails are now at their best and dog teams are used in transporting mails. The last news from the Tanana reported a provision shortage, but it

the trail, making the winter trip from Valdes to Fairbanks, and are getting along well.

While there is an apparent hill in the Alaska petroleum fleids, the companies organized and operating declare their intention of pushing development this spring, and say they have not lost confidence in the future of the oil fleids.

Interest in the Cape York tin mines is increasing and a large number of prospecting and development companies are organizing for systematic work this season. They will take the fleid as soon as it is possible to get in with machinery.

in with machinery.

LAKE SUPERIOR COPPER.

HOUGHTON, Mich., Jan. 27.—The expected has happened and the Centennial Mining Company has called on its stockholders for an assessment of \$4 a share, payable \$2 on Feb. 12 and \$2 on July 12. The payment of this assessment will complete levies amounting to \$1,510,000 made by the company since its reorganization eight years ago. The Centennial was originally known as the Schoolcraft and took its present name when first reorganized in the Centennial year, 1876, the second reorganization being effected twenty years later. The efforts of the first Centennial company were bent toward opening a mine on the northern extension of the Calumet conglomerate, but this proved a will-o'-the-wisp, ever holding out encouragement but never producing satof the first Centennial company were bent toward opening a mine on the northern extension of the Calumet conglomerate, but this proved a will-o'-the-wisp, ever holding out encouragement but never producing satisfactory results. The present company paid little attention to the old conglomerate openings, wisely deeming them hopeless, and opened shafts of 1,050 feet and 1,150 feet on the Osceola amygdaloid, which proved little better than the conglomerate. As the entire Centennial tract of one square mile was underlaid by the Kearsarge amygdaloid, which bas within the last five years proved itself one of the master lodes of the district, twenty acres of ground, carrying the outcrop, were secured and work begun in 1809 on opening an entirely new mine upon the Kearsarge bed. Owing to the peculiar configuration of the Centennial tract, which has a twenty acre triangle patched upon the southeastern corner of the main square of one mine; and the necessity the mine was under of opening its shafts upon the patch, rather than the main body, two parallel shafts were started only ninety feet apart. But for added safety in operation a single shaft would have been sunk to a depth of 1,300 feet, at which point the main tract is reached. After the 1,300 foot level is reached, the second, or B. shaft, curves to the northward, though still following the dip of the lode, which is 39 degrees, until in a distance of 300 feet curvature a divergence of 15 degrees from A shaft is secured, after which the angle remains constant. No mine was ever before opened on precisely this plan, which was not devised for its oddity, but from necessity, the only alternative being vertical shafts, which are tremendously expensive, as has been found by the Tamarack mine. Negotiations are in progress for the purchase of the Arcadian stam pmill will mines were consolidated in 1898, and during the next three years many miles of openings were made underground and one of the finest mining equipments ever seen was erected on the surface, this including a thr

ceased probing the earth, and the Arcadian was dead.

The producing copper mines of Lake Superior are now stamping more than one thousand tons of rock every hour in the twenty-four, during every working day of the year. The Calumet and Heela leads, with a tonnage of 5,700 daily, the Osceola following with about 3,600 tons, and the Quincy coming next—when working—with not quite 3,500 tons, followed by the Tamarack with 2,500 tons. The Winona brings up the rear with a daily output of less than 200 tons. Baltic, Champion, Trimountain, Wolverine, Mohawk, Franklin and Atlantic are each stamping between one and two thousand tons daily. To furnish the power required to mine and crush this rock requires the burning of nearly a hundred tons of coal every hour in every day of the working year, and employs the services of more than 15,000, besides giving indirect employment to thousands of other workmen in forests, on the railroads, sailing upon the great Lakes and working in more than a score of other callings. callings.

The semi-annual dividend of \$250,000 declared by the Quincy is the same as one year ago, and would probably have been made \$300,000 but for the closing of the mine by the transmers, strike just as the dividend was

declared.

The Ahmeek mine, apparently one of the future big mines of the district, is to have the use of one stamp at the Tamarack mill, which will help materially in providing funds for the development and equipment of the mine, though only rock broken in opening work is to be milled at first.

MONTAIN

ing work is to be milled at first.

MONTANA.

BUTTE, Jan. 24.—The Amalgamated company has expended \$10,000,000 in permanent improvements at its mines, smelters, lumber mills and other industries in Montana since it became interested in this State. The Boston and Montana company spent \$584,950 in placing steel gallows head frames and fireproof holsting plants at all of its mines and in sinking its principal shafts 3,860 feet deeper in the aggregate, and sinking pros-

pect shafts to the extent of 1,361 feet. The Anaconda company paid out \$424,125 in sinking 3,330 feet on its principal shafts, 3,937 feet in prospects, and constructing a vast system of drainage in its mines, comprising drifts and tunnels to the extent of 6,085 feet. The Parrot Silver and Gopper Gompany sank its principal working shaft 660 feet deeper, made connections with the Anaconda drainage system, and erected a new hoisting plant at a cost of \$150,000. The Butte and Boston company deepened its principal shafts to the extent of 2,124 feet and sank prospecting shafts 1,224 feet, at a cost of \$334,900. The Washoc Copper Company, constructed and completed its smelting plant at Anaconda, the largest in the world, at a cost of \$6,000,000 and later added an immense smokestack and connecting flues at an additional cost of \$700,000. The Washoc company also developed the coal mines at Storrs and erected a coking plantat an expense of \$386,000 and made improvements at the mines of Cokedale to the extent of \$50,000. A railroad, standard gauge, twenty-six miles long and fully equipped with rolling stock, was built last year in the Big Blackfoot. Valley for lumber purposes at a cost of \$250,000. The lumber mill at Bonner has been rebuilt at a cost of \$90,000, and \$150,000 more wits spent last year in prospecting and missellaneous improvements. At present the Amalgamated company's daily payroll amounts to \$41,300, or at the rate of \$15,04,500 a year.

The New York and Montana Copper Mining Company, incorporated under the laws of Deliware, has been organized with a milliondollar capital to work the MacCabe group of mines in the new copper district of Corpin. The original subscribers to the capital stock are Mark Hyman, A. la Cartis, A. B. Campbell and Dean Safe of New York, Grahm Sumner and D. W. Morrow of Englewood. N. J., and James Virdin of Dover. Three shafts are being sunk on the properties of the company, one of which has, reached a depth of 134 feet, another 60 feet, and the third 50 feet. The development work has

those properties.

CALIFORNIA.

SAN FRANCISCO, Jan. 25—Trinity county has made a good showing during the last year, and it claims rank among the best gold producing counties of the State. Many of its mines are hydraulic, and all of them are remote from railroad connection. This feature adds to the expense of installing mining plants and to the cost of reducing ore. One of the remarkable mines is the Dorlieka, at the head of Coffee Creek, which was bought a few years ago for \$5,000. It is now producing regularly between \$20,000 and \$30,000 a month. The Bullychoop is also a fine mine of low grade ore, which returns a handsome profit.

The last payment of \$30,000 was made last week on the Punch Creek mine at Humburg, Siskiyou county, by George W. Grayson, who intends to put up a twelve-stamp mill which will be operated by electric power. In the range of mountains south of Ballarat, Inyo county, a rich strike of gold ore has been made for which the lucky prospectors received an offer of \$100,000. A number of excellent mines have been opened near by. The famous Temescal mine, in Riwerside county, will soon be reopened after lying idle for seven years. This was the mine which a British company opened about the time, when the manufacture of tinplate was started in this country. The vein placeded out, and the English stockholders lost a large amount of money. Now some experts have been prospecting in the mine and have found ore which will pay fair profits.

NEVADA.

BENO, Jan. 25—A dividend of 25 cents a

RENO, Jan. 25—A dividend of 25 cents a share on Ophir was a surprise to old Comstockers, as no dividend among the old mires had been paid since Consolidated Virginia paid three 10-cent dividends two years ago. Ophir is now taking out ore that runs from \$80 to \$100, and the vein is said to be large. Just how large it is is of great importance to know in these days, for if it holds out as well as reported it means that the stock, which is now selling at \$4.50, will go to \$20. An amusing incident on the San Francisco Stock Exchange this week was the fall of Ophir stock of ter the dividend had been declared. There NEVADA ing incident of the Sah Tarktsso Stock change this week was the fall of Ophir stock after the dividend had been declared. There has been so much suspicion about Ophir that what ordinarily would advance the price of a mining stock actually depressed this stock. A railroad to Tonopah will soon be constructed, for Philadelphia capitalists have let a contract for sixty-five miles of narrow gauge road from Rhodes Marsh on the Carson and Colorado Railroad to Tohopah. Only four miles beyond Rhodes Marsh is Sodaville, which is the terminus of the Carson and Colorado, where it joins the broad gauge Virginia and Truckee Railroad. The new line will have a traffic agreement with the Carson and Colorado to run over its line. This railroad will mean the end of the loag sixty-five mile haul by mule teams.

sixty-five mile haul by mule teams.

UTAH.

SALT LAKE, Jan. 25.—With 400 acres of ground, some of it as productive as any into which a pick was ever stuck, at Park City, and all of it within the mineral bearing horizon, the Piñon Ridge Mining Company has been launched by James McGregor as president and resident agent. The capitalization is fixed at \$600,000.

A big body of quartz has been opened in a raise about twenty-five feet above the 300 foot level in the Star mine at Tintic. The quartz body is above a cave of considerable extent. Its value has not yet been determined, but as it lies in the vicinity of the rich core bodies there is little doubt that it will yield some excellent values.

The Castro group of mines at Binghant, over which there has been so much rivalry for several years, has passed into the hancs of an Eastern syndicate, the consideration being \$60,000.

The most important mining deal of the new year was closed in Milford, this week, when P. B. McKeon gave an option on a number of his well known properties to Clarence Rae of Chicago. The claims involved are the Talisman, Stalwart and San Juan and the three patented claims in the Granite Range, which include the famous Roosevelt Hot Springs. The option runs for ninety days and the consideration named is \$200,000.

WASHINGTON. UTAH.

minety days and the consideration hamed is \$200,000 washington.

Seattle, Jan. 25.—The Cascade district, in the Cascade Range, made somewhat famous through being the only silver-lead, producing section of Washington; is to be brought to the front again-this year, Eastern capitalists having become interested in several groups of promising properties. The prospect of the opening of a new line of railroad from Beilingham to the eastward has caused this renewed interest. Once rendered accessible, this rich mineral country will forge ahead. The Boston mine, the leading property of the district, is represented as having ore enough to justify the construction of a line from the mine to tidewater.

BRITISH COLUMBIA.

of a line from the mine to tidewater.

BRITISH COLUMBIA.

SEATTLE, Wash., Jan. 25.—This has been a very busy week among the Boundary Creek mines and smelters, the output being as follows: Granby mine, 10,680 tons, 'consigned to the Granby company's smelter; the Mother Lode, 3,840 tons, sold to the Greenwood smelter; the Emma mine, 750 tons, to the Greenwood smelter: Oro Denoro, to the Granby, 570 tons; Jackpot, to the Granby, 330 tons; Senator, to the Granby, 120 tons—making a grand total of 16,490 tons. This increasing output is giving new life to the district, and times are improving wonderfully.

DAHO.

Boise, Jan. 23.—There is not the usual amount of snow on the higher mountains, which is a little discouraging to the placer miners of Boise Basin.

The latest news from Buffalo Hump is your enoughly more than the latest news from Buffalo Hump is your enoughly Two years ago there. The latest news from Buffalo Hump is very encouraging. Two years ago there were only fourteen stamps operating in the district. Now there are forty-six pounding away to which will soon be added twenty-five that have just arrived.

There are about 300 men wintering at Roosevelt, in Thunder Mountain district. Both the Dewey and the Sunnyside companies have large forces of men at work, and the output of bullion from the Dewey is greater than ever. Supplies are source, flour being 20 cents a pound, and there is no sugar in the town. There is pleaty of meat, but no vegetables or fruit.

New Norwegian Hospital.

The new Norwegian Hospital at Fourth avenue and Forty-sixth street, South Brooklyn, has been completed, and will be open for inspection to-day. It stands opposite the old hospital. It is four stories high and will accommodate over 100 patients. The sisters connected with the institution will hold a fair for its benefit

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